

06-21-06

1FW



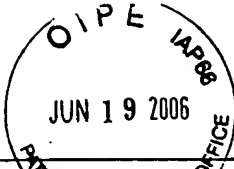
PTO/SB/21 (09-04)  
 Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/713,248
		Filing Date	November 13, 2003
		First Named Inventor	Jennie P. MATHER
		Art Unit	1643
		Examiner Name	A. Holleran
Total Number of Pages in This Submission	6 + 6 Ref.	Attorney Docket Number	415072002300

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08 + duplicate copy (2 pages) 6 References Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	MORRISON & FOERSTER LLP (Customer No. 25226)	
Signature		
Printed name	Jie Zhou	
Date	June 19, 2006	Reg. No. 52,395

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 534437859 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: June 19, 2006	Signature:  (Megha Aggarwal)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First-Class Mail Airbill No. EV 534437859 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 19, 2006

Signature: \_\_\_\_\_

(Megah Aggarwal)

Patent

Docket No. 415072002300

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jennie P. MATHER et al.

Serial No.: 10/713,248

Filing Date: November 13, 2003

For: ANTIGEN PIPA AND ANTIBODIES  
THAT BIND THERETO

Examiner: A. Holleran

Group Art Unit: 1643

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

Pursuant to 37 C.F.R. § 1.704(d), I hereby certify that each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Supplemental Information Disclosure Statement.

The documents listed on the attached Form PTO/SB/08a/b were cited in a Supplementary European Search Report mailed on May 19, 2006, directed to a counterpart international or foreign application and have not been previously cited. A certification under 37 C.F.R. § 1.97(e)(1) follows:

I hereby certify that each item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

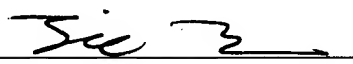
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 415072002300.

Dated: June 19, 2006

Respectfully submitted,

By   
Jie Zhou  
Registration No.: 52,395  
MORRISON & FOERSTER LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
(650) 813-5922



ALTERNATIVE TO PTO/SB/08a/b (07-05)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/713,248	
			Filing Date	November 13, 2003	
			First Named Inventor	Jennie P. MATHER	
			Art Unit	1643	
			Examiner Name	A. Holleran	
Sheet	1	of	1	Attorney Docket Number	415072002300

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	Fu, Q. et al. (March 2001). "Carbohydrate-Directed Conjugation of Cobra Venom Factor to Antibody by Selective Derivatization of the Terminal Galactose Residues," <i>Bioconjugate Chemistry</i> 12(2):271-279.	
	2.	Göttlinger, H.G. et al. (July 16, 1986). "The Epithelial Cell Surface Antigen 17-1A, A Target for Antibody-Mediated Tumor Therapy: Its Biochemical Nature, Tissue Distribution and Recognition by Different Monoclonal Antibodies," <i>International Journal of Cancer</i> 38(1):47-53.	
	3.	Kreitman, R.J. (December 2001). "Toxin-Labeled Monoclonal Antibodies," <i>Current Pharmaceutical Biotechnology</i> 2(4):313-325.	
	4.	Park, K.R. et al. (August 2000). "Anti-CD9 Monoclonal Antibody-Stimulated Invasion of Endometrial Cancer Cell Lines <i>in vitro</i> : Possible Inhibitory Effect of CD9 in Endometrial Cancer Invasion," <i>Molecular Human Reproduction</i> 6(8):719-725.	
	5.	Supplementary European Search Report mailed May 19, 2006, for EP Application No. 03786664.7 filed November 13, 2003, three pages.	
	6.	Zimmermann, S. et al. (1997). "A Novel Immunotoxin Recognising the Epithelial Glycoprotein-2 has Potent Antitumoural Activity on Chemotherapy-Resistant Lung Cancer," <i>Cancer Immunology and Immunotherapy</i> 44(1):1-9.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

pa- 1072383



# COPY

ALTERNATIVE TO PTO/SB/08a/b (07-05)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/713,248
				Filing Date	November 13, 2003
				First Named Inventor	Jennie P. MATHER
				Art Unit	1643
				Examiner Name	A. Holleran
Sheet	1	of	1	Attorney Docket Number	415072002300

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	Fu, Q. et al. (March 2001). "Carbohydrate-Directed Conjugation of Cobra Venom Factor to Antibody by Selective Derivatization of the Terminal Galactose Residues," <i>Bioconjugate Chemistry</i> 12(2):271-279.	
	2.	Göttlinger, H.G. et al. (July 16, 1986). "The Epithelial Cell Surface Antigen 17-1A, A Target for Antibody-Mediated Tumor Therapy: Its Biochemical Nature, Tissue Distribution and Recognition by Different Monoclonal Antibodies," <i>International Journal of Cancer</i> 38(1):47-53.	
	3.	Kreitman, R.J. (December 2001). "Toxin-Labeled Monoclonal Antibodies," <i>Current Pharmaceutical Biotechnology</i> 2(4):313-325.	
	4.	Park, K.R. et al. (August 2000). "Anti-CD9 Monoclonal Antibody-Stimulated Invasion of Endometrial Cancer Cell Lines <i>in vitro</i> : Possible Inhibitory Effect of CD9 in Endometrial Cancer Invasion," <i>Molecular Human Reproduction</i> 6(8):719-725.	
	5.	Supplementary European Search Report mailed May 19, 2006, for EP Application No. 03786664.7 filed November 13, 2003, three pages.	
	6.	Zimmermann, S. et al. (1997). "A Novel Immunotoxin Recognising the Epithelial Glycoprotein-2 has Potent Antitumoural Activity on Chemotherapy-Resistant Lung Cancer," <i>Cancer Immunology and Immunotherapy</i> 44(1):1-9.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

pa- 1072383